

CLAIMS

What is claimed is:

1. An apparatus for cleaning eyeglasses, comprising
 - 5 (a) a housing;
 - (b) a fluid reservoir;
 - (c) evacuation means for pressurized evacuation of fluid out of the fluid reservoir; and
 - (d) two arms attached to the housing at their proximal ends and, in their nominal orientations, extending at an outward angle from the housing and from each other,
wherein each arm has a wiping pad at its distal end and is spring-biased into its nominal orientation, such that the wiping pads may be compressed toward each other.
- 15 2. An apparatus according to claim 1, wherein each arm is pivotally attached to the housing.
3. An apparatus according to claim 1, wherein the evacuation means
20 comprises a pump.
4. An apparatus according to claim 3, wherein the pump is a manual pump.
- 25 5. An apparatus according to claim 1, wherein the evacuation means comprises an aerosol system.
6. An apparatus according to claim 1, wherein the arms are fixedly attached to the housing and are formed from a resilient material.
- 30 7. An apparatus according to claim 1, wherein at least one of the evacuation means and the fluid reservoir is mounted within the housing.

8. An apparatus according to claim 1, further comprising a cover for sliding onto the housing and covering the arms when the arms are drawn toward each other.

5 9. An apparatus according to claim 1, wherein the fluid reservoir is substantially shape-retaining.

10 10. An apparatus according to claim 9, wherein the fluid reservoir has a burstable seal.

10 11. An apparatus according to claim 1, wherein the evacuation means includes activation means for initiating evacuation of the fluid out of the fluid reservoir, and wherein the activation means is located close to the distal ends of the arms.

15 12. An apparatus according to claim 11, wherein the activation means is pressed to initiate evacuation of the fluid out of the fluid reservoir.

13. An apparatus for cleaning eyeglasses, comprising
20 (a) a housing;
(b) a fluid reservoir that is substantially shape-retaining and is provided with a burstable seal;
(c) a pump coupled to the fluid reservoir for pumping fluid out of the fluid reservoir; and
25 (d) two arms attached to the housing at their proximal ends and extending from the housing,
wherein each arm has a wiping pad at its distal end and is spring-biased into a nominal orientation.

30 14. An apparatus according to claim 13, wherein each arm is pivotally attached to the housing.

15. An apparatus according to claim 13, wherein the arms are fixedly attached to the housing and are formed from a resilient material.

16. An apparatus according to claim 13, wherein the arms and the housing are one integrated part.

5 17. An apparatus according to claim 13, wherein at least one of the pump and the fluid reservoir is mounted within the housing.

10 18. An apparatus according to claim 13, wherein the fluid reservoir is replaceable by pulling the fluid reservoir away from the pump and pressing a new fluid reservoir onto the pump.

19. An apparatus according to claim 13, wherein each of the wiping pads has an extending section around its perimeter.

15 20. An apparatus according to claim 19, further comprising a support plate attached to the distal end of each arm, and wherein the extending section around the perimeter of each wiping pad is pressed against the corresponding support plate.

20 21. An apparatus according to claim 13, wherein each of the wiping pads is comprised of a soft springy material, wrapped by two pieces of wiping material.

25 22. An apparatus according to claim 13, wherein each of the wiping pads has a layer of non-permanent adhesive, covered by a peel-away strip.

23. An apparatus according to claim 13, wherein each of the wiping pads has a hole through it.

30 24. An apparatus according to claim 13, wherein the fluid reservoir is a disposable capsule filled with a cleaning liquid.

25. An apparatus according to claim 13, wherein the fluid reservoir is a capsule with a sealing cap and a hollow channel inside.

26. An apparatus according to claim 13, wherein each of the arms has an integrated atomizer mechanism at its distal end.

5 27. An apparatus according to claim 13, wherein the activation means includes a first, second and third hollow channels, with the first hollow channel dividing into the second and third hollow channels.

10 28. An apparatus according to claim 13, wherein the liquid capsule is sealed off by a cap that is detachably fixed to the housing.

15 29. An apparatus according to claim 13, further comprising a closing cap for the housing, wherein the fluid reservoir is attached to the closing cap, such that the fluid reservoir is removed when the closing cap is removed from the housing and is installed onto the pump when the closing cap is attached onto the housing.

30. An apparatus according to claim 13, further comprising a cover having a compartment for storing spare wiping pads.

20 31. An apparatus according to claim 13, further comprising a support plate at the distal end of each arm for holding the wiping pads, wherein each of the support plates has a snap-fit system for replaceably fixing the support plate onto the corresponding arm.

25 32. An apparatus according to claim 13, wherein each of the arms has a snap-fit system for replaceably fixing the corresponding support plate onto the arm.

30 33. An apparatus for cleaning eyeglasses, comprising
(a) a housing divided longitudinally into a first section and a second section;
(b) a hinge attaching said first section to said second section;

- (c) a first arm extending at its proximal end from the first section of the housing and a second arm extending at its proximal end from the second section of the housing, each of the first arm and the second arm having a wiping component at its distal end;
- 5 (d) a fluid reservoir; and
- (e) evacuation means for pressurized evacuation of fluid out of the fluid reservoir.

34. An apparatus according to claim 33, wherein at least one of the
10 evacuation means and the fluid reservoir is mounted within the housing.

35. An apparatus according to claim 33, wherein the fluid reservoir is
replaceable by pulling the fluid reservoir away from the evacuation means and
pressing a new fluid reservoir onto the evacuation means.